

# ZONING

## 325 Attachment 7

### Appendix D

#### Recommended Illumination Levels of the Illuminating Engineering Society of North America (IES)

Level of Activity	Examples	General Parking & Pedestrian			Vehicle Use Only						
		Average	Minimum	Uniformity (Avg/Min)	Average	Minimum	Uniformity (Avg/Min)				
High	Major League Athletic Events	3.6 fc	0.9 fc	4:1	1.8 fc	0.6 fc	3:1				
	Major Cultural or Civic Events	60,000 lu <sup>1</sup>	15,000 lu <sup>1</sup>		30,000 lu <sup>1</sup>	10,000 lu <sup>1</sup>					
	Regional Shopping Centers	750 W MH	185 W MH		375 W MH	125 W MH					
		750 W HPS	185 W HPS		375 W HPS	125 W HPS					
		375 W LPS	90 W LPS	375 W LPS	65 W LPS						
Medium	Community Shopping Centers	2.4 fc	0.6 fc	4:1	0.9 fc	0.3 fc	3:1				
	Cultural, Civic, or Recreational Event							40,000 lu <sup>1</sup>	10,000 lu <sup>1</sup>	15,000 lu <sup>1</sup>	5,000 lu <sup>1</sup>
	Office Parking							500 W MH	125 W MH	185 W MH	60 W MH
	Hospital Parking							500 W HPS	125 W HPS	185 W HPS	60 W HPS
	Transportation Parking							250 W LPS	65 W LPS	90 W LPS	30 W LPS
Fast Food Facilities											
Residential Complex Parking											
Low	Neighborhood Shopping	0.9 fc	0.18 fc	4:1	0.45 fc	0.12 fc	4:1				
	Industrial Employee Parking	15,000 lu <sup>1</sup>	3,000 lu <sup>1</sup>		7,500 lu <sup>1</sup>	5,000 lu <sup>1</sup>					
	Educational Facility Parking	185 W MH	35 W MH		90 W MH	25 W MH					
	Church Parking	185 W HPS	35 W HPS		90 W HPS	25 W HPS					
		90 W LPS	18 W LPS	45 W LPS	15 W LPS						

<sup>1</sup> Assumes light is at a height of 20 feet. If light is at 30 feet the lumens needs to be doubled to achieve the same fc at the ground.